Executive Engineer,
Yelahanka Division,
Bruhat Bengaluru Mahanagara Palike

Quality Control Reports

(THIRD and PART)

Name of the Package:

Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)

AGENCY: Sri. Srinivasa Reddy H

Estimate Cost: 1000.00 Lakhs

Project Management Consultants:

SAPIENCE CONSULTANTS AND ENGINEERS, BANGALORE.

#B9-003, GANGA, Jnanabharathi Enclave, Valagerahalli, Mysore Road Bangalore 560056

Ph: 080-29523634; E-Mail: SAPIENCEBANGALORE@GMAIL.COM

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Valagerahalli, Mysore Road, Bangalore 560059
Ph. 9448853634, 8762194386.
Email: sapiencebangalore@gmail.com

Test Report on Cement

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Material	Cement (Birla Super 53 grade OPC)
Test Method	IS: 269:2015
Sampel Supplied By	PMC Agency
Date of Manufacture	Jun - 2022
Date of Testing	06.07.2022 - 07.07.2022

Sl. No.	Description	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part -5)	135 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5) 1988(RA 2014)	339 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	29 %	-

Note:

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→ The results indicated above are based on the tests carried out on the samples collected on the work spot & tested in the laboratory.

→ Any Query regarding the report must be reported within 15 days from the date of testing.

For Sapience Consultants and Engineers,

Authorized Signatory

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-106

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Test Report on Fine Aggregates (Sand)

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Material	Sand
Test Method	IS 383-1970 (RA- 2002)
Sampel Supplied By	PMC Agency
Date of Testing	06.07.2022 - 07.07.2022

Total weight of Aggregates in gms: 1000

Is Sieve Size in mm	Weight Retained on Sieve (gm)	Percentage of Weight Retained (%)	Percentage of Weight Passing (%)	Cumulative Percentage Passing (%)	Spec Limits For Zone-II
10.00	0	0	0	100	100.00
4.75	53.5	5.35	5.35	94.65	90-100
2.36	88.5	8.85	14.2	85.80	75-100
1.18	191.9	19.19	33.39	66.61	55-90
600 Micron	233.2	23.32	56.71	43.29	35-59
300 Micron	241.4	24.14	80.85	19.15	8-30
150 Micron	143.8	14.38	95.23	4.77	0-10

Note:

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For Sapience Consultants and Engineers,

Authorized Signature

SAPIENCE CONSULTANTS & ENGINEERS Bangalore-59

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Authorized Signature

Test Report on Aggregates

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO. 12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. M RAMESH
Material	20mm Aggregates
Test Method	IS 383-1970 (RA- 2002)
Sampel Supplied By	PMC Agency
Date of Testing	06.07.2022 - 07.07.2022

Total weight of Aggregates in gms: 5000

Is Sieve Size in mm	Weight Retained on Sieve (gm)	Percentage of Weight Retained (%)	Percentage of Weight Passing (%)	Cumulative Percentage Passing (%)	Spec Limits
40	0	0	0	100	100
20	130.9	2.618	2.618	97.38	95-100
10	2808.2	56.164	58.782	41.22	25-55
4.75	1826.9	36.538	95.32	4.68	0-10

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For Sapience Consultants and Engineers,

Authorized Signature

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GRADATION FOR GSB (Grading V)

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Mix Type	Granular Sub Base
Material	Coarse Aggregates
Test Method	IS 2386(Part 1) 1963 (RA 2011)
Source / Location	Plant
Sample No.	1 & 2
Date	02/07/2022

Total Weight of Sample (gms) : **20000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
75	0	0	0	100	100	Gradation satisfies the MORTH 5th Revision Table 400-1 Specification for Granular Sub Base
53	1849.9	1849.9	9.25	90.75	80 - 100	
26.5	2747.2	4597.1	22.99	77.01	55 - 90	
9.5	5963.6	10560.7	52.80	47.2	35 - 65	
4.75	1389.0	11949.7	59.75	40.25	25 - 50	
2.36	5635.3	17585.0	87.93	12.07	10 - 20	
0.850	1269.0	18854.0	94.27	5.73	2 - 10	
0.425	720.7	19574.7	97.87	2.13	0 - 5	

Total Weight of Sample (gms) : **20000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
75	0	0	0	100	100	Gradation satisfies the MORTH 5th Revision Table 400-1 Specification for Granular Sub Base
53	1812.6	1812.6	9.06	90.94	80 - 100	
26.5	2663.8	4476.4	22.38	77.62	55 - 90	
9.5	5540.5	10016.9	50.08	49.92	35 - 65	
4.75	2673.3	12690.2	63.45	36.55	25 - 50	
2.36	4863.2	17553.4	87.77	12.23	10 - 20	
0.850	1179.5	18732.9	93.66	6.34	2 - 10	
0.425	669.5	19402.4	97.01	2.99	0 - 5	

For Sapience Consultants and Engineers,

Authorized Signature

SAPIENCE CONSULTANTS & ENGINEERS Bangalore-59

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GRADATION FOR GSB (Grading V)

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Mix Type	Granular Sub Base
Material	Coarse Aggregates
Test Method	IS 2386(Part 1) 1963 (RA 2011)
Source / Location	Plant
Sample No.	3 & 4
Date	06/07/2022

Total Weight of Sample (gms) : 20000.00

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
75	0	0	0	100	100	Gradation satisfies the MORTH 5th Revision Table 400-1 Specification for Granular Sub Base
53	2115.3	2115.3	10.58	89.42	80 - 100	
26.5	3540.9	5656.2	28.28	71.72	55 - 90	
9.5	5048.8	10705.0	53.53	46.47	35 - 65	
4.75	1886.2	12591.2	62.96	37.04	25 - 50	
2.36	4848.9	17440.1	87.20	12.8	10 - 20	
0.850	1706.1	19146.2	95.73	4.27	2 - 10	
0.425	270.0	19416.2	97.08	2.92	0 - 5	

Total Weight of Sample (gms) : 20000.00

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
75	0	0	0	100	100	Gradation satisfies the MORTH 5th Revision Table 400-1 Specification for Granular Sub Base
53	2405.0	2405.0	12.03	87.97	80 - 100	
26.5	3323.3	5728.3	28.64	71.36	55 - 90	
9.5	4844.7	10573.0	52.87	47.13	35 - 65	
4.75	1635.4	12208.4	61.04	38.96	25 - 50	
2.36	5297.5	17505.9	87.53	12.47	10 - 20	
0.850	1088.1	18594.0	92.97	7.03	2 - 10	
0.425	637.7	19231.7	96.16	3.84	0 - 5	

For Sapience Consultants and Engineers,

SAPIENCE CONSULTANTS & ENGINEERS Bangalore-59

Authorized Signature

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Atterberg Limits for GSB

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Mix Type	Granular Sub Base
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	1, 2 and 3
Date	02.07.2022 and 06.07.2022

Sl No	Description	Test #1	Test #2	Test #3	IS Specifications
1	Liquid Limit, %	22.36	22.94	22.74	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

For Sapience Consultants and Engineers,

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GRADATION FOR DLC

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Mix Type	Dry Lean Concrete
Material	Coarse Aggregates
Test Method	IS 2386(Part 1) 1963 (RA 2011)
Source / Location	Plant
Sample No.	1 & 2
Date	09/07/2022

Total Weight of Sample (gms) : **25000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
26.5	0	0	0	100	100	Gradation satisfies the MORTH 5th Revision Table 600-1 Specification for Dry Lean Concrete
19	3506.5	3506.5	14.03	85.97	75 - 95	
9.5	6665.1	10171.6	40.69	59.31	50 - 70	
4.75	4950.7	15122.3	60.49	39.51	30 - 55	
2.36	2903.2	18025.5	72.10	27.9	17 - 42	
0.6	2396.5	20422.0	81.69	18.31	8 - 22	
0.300	1580.3	22002.3	88.01	11.99	7 - 17	
0.15	2305.8	24308.1	97.23	2.77	2 - 12	
0.075	358.2	24666.3	98.67	1.33	0 - 10	

Total Weight of Sample (gms) : **25000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
26.5	0	0	0	100	100	Gradation satisfies the MORTH 5th Revision Table 600-1 Specification for Dry Lean Concrete
19	3806.7	3806.7	15.23	84.77	75 - 95	
9.5	6624.1	10430.8	41.72	58.28	50 - 70	
4.75	3943.3	14374.1	57.50	42.50	30 - 55	
2.36	3087.9	17462.0	69.85	30.15	17 - 42	
0.6	3167.2	20629.2	82.52	17.48	8 - 22	
0.300	1012.9	21642.1	86.57	13.43	7 - 17	
0.15	1756.3	23398.4	93.59	6.41	2 - 12	
0.075	315.4	23713.8	94.86	5.14	0 - 10	

For Sapience Consultants and Engineers,

Authorized Signatory

SAPIENCE CONSULTANTS ENGINEERS Bangalore-59

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Physical and Machanical Properties of TMT Bars

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Material	8mm, 10mm, 12mm, 16mm Fe 500 TMT Bars
Test Method	IS 1786:2008(RA 2013) High Strength Deformed Steel Bars and Wires for Concrete Reinforcement-Specification IS 1608:2005 Metallic Materials- Tensile Testing at Ambient Temperature
Sampel Supplied By	PMC Agency
Date of Testing	06.07.2022 - 07.07.2022

Sl. No.	Brand	Nominal size (dia in mm)	Mass per metre (kg/metre)	TENSILE STRENGTH			
				Yield Stress(N/mm2)	Ultimate Tensile strength (N/mm2)	UTS / YS Ratio	Elongation, percent on gauge length
1	Fe 500	8	0.393	542	641	1.18	14
2	Fe 500	10	0.621	544	647	1.19	12
3	Fe 500	12	0.89	544	647	1.19	13
4	Fe 500	16	1.583	535	635	1.19	15

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SAPIENCE CONSULTANTS & ENGINEERS Bangalore-59

For Sapience Consultants and Engineers,

Authorized Signature

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Test Report on Aggregates

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Material	40mm Aggregates
Test Method	IS 383-1970 (RA- 2002)
Sampel Supplied By	PMC Agency
Date of Testing	06.07.2022 - 07.07.2022

Total weight of Aggregates in gms: 5000

Is Sieve Size in mm	Weight Retained on Sieve (gm)	Percentage of Weight Retained (%)	Percentage of Weight Passing (%)	Cumulative Percentage Passing (%)	Spec Limits
80.00	0	0	0	100	100.00
40.00	158.5	3.17	3.17	96.83	95-100
20.00	2303.9	46.08	49.25	50.75	30-70
10.00	1405.1	28.10	77.35	22.65	10-35
4.75	1104.8	22.10	99.45	0.55	0-5

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 30
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	13-Jul-22	10-Aug-22	8.129	783.90	34.84
2	13-Jul-22	10-Aug-22	8.175	784.58	34.87
3	13-Jul-22	10-Aug-22	8.157	784.58	34.87

Note:

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→ Any Query regarding the report must be reported within 15 days from the date of testing

SAPIENCE CONSULTANTS & ENGINEERS ★ Bangalore-59 ★ YEARS

For Sapience Consultants and Engineers,

Authorized Signature

SAPIENCE CONSULTANTS & ENGINEERS Bangalore-59

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Ph: 9448853634, 8762194386.
Email: sapiencebangalore@gmail.com

Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS. 269:2015
Grade of Concrete	M - 30
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	13-Jul-22	10-Aug-22	8.130	783.90	34.84
2	13-Jul-22	10-Aug-22	8.130	782.55	34.78
3	13-Jul-22	10-Aug-22	8.155	776.03	34.49

Note:

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Email: sapiencebangalore@gmail.com

Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 30
Compressive Strength	7^{th} Day

Sl. No	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	13-Jul-22	20-Jul-22	8.133	511.88	22.75
2	13-Jul-22	20-Jul-22	8.161	508.28	22.59
3	13-Jul-22	20-Jul-22	8.148	499.73	22.21

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Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 30
Compressive Strength	7^{th} Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	13-Jul-22	20-Jul-22	8.168	518.63	23.05
2	13-Jul-22	20-Jul-22	8.158	517.95	23.02
3	13-Jul-22	20-Jul-22	8.125	502.88	22.35

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Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore
Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 30
Compressive Strength	7^{th} Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	13-Jul-22	20-Jul-22	8.147	518.63	23.05
2	13-Jul-22	20-Jul-22	8.163	513.45	22.82
3	13-Jul-22	20-Jul-22	8.126	501.53	22.29

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Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 30
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	13-Jul-22	10-Aug-22	8.171	781.43	34.73
2	13-Jul-22	10-Aug-22	8.163	767.93	34.13
3	13-Jul-22	10-Aug-22	8.143	773.10	34.36

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Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 30
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	13-Jul-22	10-Aug-22	8.129	771.08	34.27
2	13-Jul-22	10-Aug-22	8.157	767.03	34.09
3	13-Jul-22	10-Aug-22	8.131	778.05	34.58

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Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 30
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	13-Jul-22	10-Aug-22	8.132	772.65	34.34
2	13-Jul-22	10-Aug-22	8.152	784.58	34.87
3	13-Jul-22	10-Aug-22	8.159	779.18	34.63

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Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 30
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	13-Jul-22	10-Aug-22	8.156	779.18	34.63
2	13-Jul-22	10-Aug-22	8.170	771.75	34.30
3	13-Jul-22	10-Aug-22	8.129	774.00	34.40

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Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 30
Compressive Strength	7^{th} Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	14-Jul-22	21-Jul-22	8.136	504.23	22.41
2	14-Jul-22	21-Jul-22	8.151	507.15	22.54
3	14-Jul-22	21-Jul-22	8.137	503.33	22.37

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Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	7^{th} Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	14-Jul-22	21-Jul-22	8.146	337.95	15.02
2	14-Jul-22	21-Jul-22	8.143	342.68	15.23
3	14-Jul-22	21-Jul-22	8.163	339.53	15.09

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Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	7th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	14-Jul-22	21-Jul-22	8.143	340.65	15.14
2	14-Jul-22	21-Jul-22	8.136	333.45	14.82
3	14-Jul-22	21-Jul-22	8.157	345.38	15.35

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Job No.:	SCE/PMC/QCR-3/BBMP/YHK/2022-23/66 Dt. 12/08/2022
Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	14-Jul-22	11-Aug-22	8.153	514.80	22.88
2	14-Jul-22	11-Aug-22	8.155	518.18	23.03
3	14-Jul-22	11-Aug-22	8.149	518.63	23.05

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Contractor / Agency	Sri. Sreenivasa Reddy
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	7^{th} Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	14-Jul-22	21-Jul-22	8.133	339.08	15.07
2	14-Jul-22	21-Jul-22	8.133	338.18	15.03
3	14-Jul-22	21-Jul-22	8.127	335.03	14.89

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